Program Description/Textbook or Print Instructional Material

Vendor:___Thomson Learning/Course Technology_ Web Address:__www.course.com_____

Title:_____Bundle: A+ Guide to Software & A+ Guide to Hardware_____

Author:___Andrews_____ Copyright:__2003

ISBN:____0-619-20753-1_ Course/Content Area:__Vocational and Career Education; Information Technology Program; Computer Maintenance and Support Services

Intended Grade or Level:_____9-12_____ Readability Level:__8.0 and 7.3____(Flesch-Kincaid)_____

List Price:____87.95_____ Lowest Wholesale Price:_____65.00_____

All materials bid as of July 1, 2003 must be offered in an alternative format for students who require reading accommodations. A description of the levels of accommodation is included on p. 8-9 of this bid packet. The Kentucky Department of Education must receive a copy of the alternative format if the material is placed on the State Multiple List.

Level of Accomodations (Level One, Two or Three)_ Level Three_____

If Level Two or Three, please provide rationale for not meeting Level One Compliance__ It is_not_financially feasible for our products to meet Level One at this time.

FEATURES

DISCLAIMER: The features of each book or program were developed by the publisher and do not reflect the opinion of the State Review Team, State Textbook Commission, nor of the Kentucky Department of Education.

Content

A+ Guide to Software:
- Maps fully to CompTIA's 2003 A+ OS Certification exam and is CAQC approved
- A+ certification icons highlight all material related to the exams, so you can pay close attention to the pertinent information, and A+ Table of Contents provides quick reference to all of A+ material
- Includes chapter on each major operating system--Windows XP, 2000, NT, and 9x, and features coverage on DOS, Linux, Mac, UNIX, and Windows on a network and on the Internet
- Includes extensive pedagogical features, including review questions, hands-on exercises, and case projects

A+ Guide to Hardware:
- Includes coverage on P4 motherboards, notebooks, printers, PDAs, wireless devices, and network technology and devices
- Maps fully to CompTIA's 2003 A+ Core Certification Exam and is CAQC approved
- A+ certification icons highlight all material related to the exams, so you can pay close attention to the pertinent information, and A+ Table of Contents provides quick reference to all of A+ material
- Includes extensive pedagogical features, including review questions, and numerous hands-on exercises

Student Experiences

A+ Guide to Software:
- CoursePrep® A+ test preparation software mimics the exam environment and is included on CD

A+ Guide to Hardware:

- Written by an instructor expressly for the classroom, this guide has been thoroughly updated for today's technologies and is designed to prepare students to pass the 2003 A+ Core Hardware certification exam and master PC Repair.
- CoursePrep® A+ test preparation software mimics the exam environment and is included on CD (Available 90 days after the exam release).

Assessment

A+ Guide to Computer Software: Managing, Maintaining, and Troubleshooting, Second Edition has been thoroughly updated for today's technology and is written by an instructor expressly for the classroom. This text is designed to be the most complete, step-by-step book available for learning the fundamentals of supporting and troubleshooting computer software. This guide maps fully to the 2003 A+ OS Technologies certification exam.

A+ Guide to Computer Hardware: Managing, Maintaining, and Troubleshooting, Second Edition has been thoroughly updated for today's technology and is written by an instructor expressly for the classroom. This text is designed to be the most complete, step-by-step book available for learning the fundamentals of supporting and troubleshooting computer hardware. This guide maps fully to the 2003 A+ Core Hardware certification exam.

Organization

A+ Guide to Software:

1. Introducing and Comparing Operating Systems; 2. How an OS Works with Hardware and Other Software;
3. Understanding the Boot Process and Command Line; 4. Installing and Using Windows 9x
5. Supporting and Troubleshooting Windows 9x; 6. Understanding and Supporting Windows NT
7. Installing and Using Windows 2000 Professional ; 8. Managing and Troubleshooting Windows 2000
9. Supporting Windows XP Professional; 10. Managing and Supporting Windows XP
11. Supporting Hard Drives; 12. Windows on a Network; 13. Windows on the Internet; 14. Linux, Macs, and Notebooks

A+ Guide to Hardware:

1. How Computers Work; 2. How Hardware and Software Work Together ; 3. Electricity and Power Supplies
4. The Motherboard; 5. Supporting I/O Devices; 6. Memory and Floppy Drives; 7. Understanding and Supporting Hard Drives; 8. All About SCSI; 9. Multimedia Devices and Mass-Storage; 10. Supporting Modems
11. PCs on a Network; 12. Notebooks, PDAs and Printers; 13. Troubleshooting and Maintenance Fundamentals
14. Purchasing a PC or Building Your Own

Resource Materials

Gratis Items To Be Provided And Under What Conditions

A+ Guide to Software Instructor's Resource Kit (0-619-18625-9) Free 1 per teacher
A+ Guide to Hardware Instructor's Resource Kit (0-619-18628-3) Free 1 per teacher

Available Ancillary Materials

Lab Manual Bundle: A+ Guide Software & A+ Guide to Hardware (0-619-20755-8)

RESEARCH DATA AND EVIDENCE OF EFFECTIVENESS

DISCLAIMER: The research data and evidence of effectiveness was provided by the publisher and does not reflect the opinion of the State Review Team, State Textbook Commission, nor the Kentucky Department of Education.

*NOTE: Please complete this section by indicating the research data and evidence of effectiveness or give a web site where the information is located. If there is no research data and evidence of effectiveness, please indicate **"not available"** in the space.*

Group V - Career/Technical Vocational/Practical Living Education Instructional Materials Evaluation Tool IT Computer Maintenance

Title: Bundle: A+ Guide to Hardware & A+ Guide to Software	Cost: $ 65.00

Publisher: Thomson Learning/Course Technology

Item Evaluated: Textbook and Software

Copyright Date: 2003	Evaluator: Jerry Walker
Content Level: 9-12	Date of Evaluation: 7/30/2003

Level of Alternative Format	Level 1 – Full Compliance	Level 2 – Provisional Compliance	Level 3 – Marginal Compliance

This section completed by Exceptional Children Services

Overall Strengths and/or Weaknesses

Disclaimer: Comments on the strengths and/or weaknesses of each book, material or program were written by members of the State Textbook/Instructional Materials Review Team and reflect their opinions . They do not reflect the opinions of the State Textbook Commission nor the Kentucky Department of Education. In addition, the State Textbook/ Instructional Materials Review Team completed each evaluation form during the week of July 28-Aug. 1, 2003. In order to maintain the integrity of the of the review team's comments, editing was limited to spelling and punctuation.

Recommendations:

X Recommended by reviewers to State Textbook Commission

☐ Not recommended by reviewers to State Textbook Commission

Publisher's Explanation of Reviewer's Comments: By action of the State Textbook Commission, publishers are provided limited space, 150 words, to respond to what they may consider factual errors made by the reviewers in the evaluation.

Group V - Career/Technical Vocational/Practical Living Education Instructional Materials Evaluation Tool IT Computer Maintenance

Title: Bundle: A+ Guide to Hardware & A+ Guide to Software	Publisher: Thomson Learning/CT

Technology Management Summary Data:	20 possible points	_____18_____ points earned

Technology Management Comments: Great syllabus, but it needs some toning down for high school; two syllabi would be preferable.

Technology Presentation/Interface Summary Data:	40 possible points	_____35_____ points earned

Technology Presentation/Interface Comments: Excellent Power Point presentations. Thomson Learning needs to incorporate simulations.

Content Summary Data:	44 possible points	_____44_____ points earned

Content Comments:

Instruction & Management Summary Data	52 possible points	_____47_____ points earned

Instruction & Management Comments:

Organization & Structure Summary Data	36 possible points	_____33_____ points earned

Organization & Structure Comments:

Resource Material Summary Data	40 possible points	_____30_____ points earned

Resource Material Comments:

Group V - Career /Technical & Vocational/Practical Living
Electronic Instructional Media Review Form—Bundle: A+ Guide to Hardware & A+ Guide to Software—Thomson/CT
Stand Alone/Independent or Integrated Software for Computer Maintenance

Equipment (circle or change fill color)	Grade Level (circle or change fill color)	Audience (circle or change fill color)	Format (circle or change fill color)	Cost: Included with text	
Windows	Primary	Individual	Stand Alone/Independent	_____single copy	_____site license
Macintosh	Intermediate	**Individual**	**Integrated**		
CD-ROM	Middle	**Small Group**	Supplemental	_____network version	_____school version
DVD	**High**	**Large Group**	In lieu of basal test		
Sound				____lab pack of ___ copies	_____online
Other					

If other, explain

Type of Software: Check all that apply	_____Simulation	_____Management	_____Interdisciplinary	_____Problem Solving	____Tutorial
	_____Exploratory	_____Creativity	_____Drill and Practice	_____Critical Thinking	_____Utility	_____Other:

Rating Scale:	3—Some of the time	1—None of the time
4—All or the time	2—Minimally	0— Not applicable

Management	Rating
Allows customizing for individual learning needs.	3
Allows students to exit and resume at a later time.	3
Keeps a students performance record, where needed.	4
Allows control of various aspects of the software (e.g., turning sound off).	4
Allows for printed reports.	4
Comments:	**Total** **18**

Presentation/Interface	Rating
Presents material in an organized manner.	4
Has consistent, easy-to-use, on-screen instructions.	4
Has developmentally correct presentation format.	4
Adapts to different learning environments (learning styles/multiple intelligences, etc.)	4
Accessible for special needs students.	2
Runs smoothly, without long delays.	4
Presents easy-to-view text and graphics.	4
Presents easy-to-hear and understand sounds.	1
Avoids unnecessary screens, sounds, and graphics.	4
Provides immediate, appropriate feedback.	**4**
Comments:	**Total** **35**

Content—IT Computer Maintenance	Rating
Career Focus/Employability Skills/Workplace Readiness Skills	4
Computer Hardware/Software Use & Operation	4
Computer Hardware/Software Problem Solving/Troubleshooting	4
Computer Hardware/Software Repair	4
Facilitation and Customer Service	4
System Operation	4
System Monitoring	4
System Maintenance	4
System Troubleshooting	4
Help Desk Skills	4
Computer Hardware/Software Installation	4
Comments:	**Total** **44**

Rating Scale:	2—Minimally
4—All or the time	1—None of the time
3—Some of the time	0— Not applicable

Instruction and Assessment	Rating
Identifies a Sense of Purpose	4
Builds on Student Ideals	4
Engages Students	4
Develops Computer Maintenance Ideas	4
Promotes Student Thinking	4
Assesses Student Progress	4
Enhances The Learning Environment	4
Reading level is appropriate for interest and ability level of intended student group; level remains consistent throughout.	3
Commonwealth Accountability Testing System (CATS) "like" Assessment is provided	2
Variety of Assessments (diagnostic, formative, summative, open response, multiple choice, individual, small group, oral, demonstrations, presentations, self and peer performance, portfolio prompts) is included.	3
Includes activities and opportunities for integration of technology.	4
Reflects researched-based practices (e.g. hands-on activities, technology, problem-solving situations)	4
Differentiation techniques and activities suggested.	3
Comments:	**Total** **47**

Rating Scale:	3 – Some potential for learning	1 - Not present
4 – High potential for learning	2 – Little potential for learning	0 – Not applicable

Organization and Structure	Rating
Organization is logical and allows for spiraling of content.	4
Vocabulary and key terms are clearly defined and easily accessible within each lesson.	4
Visual illustrations (e.g. graphs, charts, models) and examples are clearly presented and content-related.	3
Illustrations and language reflect diversity (e.g. racial, ethnic, cultural, age, gender, disabilities).	2
Legible type, length of lines, spacing, and page layout and width of margins contribute to overall appearance and use.	4
Student materials seem durable and conducive to daily use.	4
Includes sufficient glossary, index and appendices.	4
Employs accurate grammar and spelling	4
Organization of material can be effectively used with Standards Based Units, Core Content and Program of Studies.	4
Comments:	**Total** **33**

Resource Materials	Rating
Teacher materials coordinate easily with student materials (e.g. additional resources included at point of need, student pages shown, integration of technology indicated)	4
Activities are included that adapt to the various learning styles, intelligences, and interest/ability levels.	3
Extension activities including adaptations and accommodations for students with special needs.	2
Resources provide objectives, background information, common student errors, hints, advice for lesson implementation and real-world connections, connections with career and/technology and references (e.g. solution manuals, study guides)	3
Suggestions are made for integration of themes and /or interdisciplinary instruction.	3
Integration opportunities suggested and examples given.	2
Teacher resources are available online.	4
Online resources available – Repeat of information in text.	3
Online resources available – Practice skills only.	4
Online resources available – New application materials.	2
Comments:	**Total** **30**

Rating Scale:	2—Minimally
4—All or the time	1—None of the time
3—Some of the time	0— Not applicable